



Patent
Case No.: 53211US015

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: BEHR, FREDERICK E.
Application No.: 10/689110 Group Art Unit: 1712
Filed: October 20, 2003 Examiner: Unknown
Title: PERFLUOROALKYL HALOALKYL ETHERS AND
COMPOSITIONS AND APPLICATIONS THEREOF

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:
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Signed by: *Hylis H. Froelke*
Hylis H. Froelke

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

March 19, 2004
Date

By: *[Signature]*
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Office of Intellectual Property Counsel
3M Innovative Properties Company
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

October 20, 2003

First Named Inventor

Behr, Frederick E.

Art Unit

1712

Examiner Name

Attorney Case Number

53211US015

Use as many sheets as necessary)

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U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3453333	07/01/1969	Litt et al.	
	A2	US- 3549711	12/22/1970	Merrill et al.	
	A3	US- 3778381	12/11/1973	Rosano et al.	
	A4	US- 3900372	08/19/1975	Childs et al.	
	A5	US- 3903012	09/02/1975	Brandreth	
	A6	US- 3962460	06/08/1976	Croix et al.	
	A7	US- 5125978	06/03/1992	Flynn et al.	
	A8	US- 5275669	01/04/1994	Van Der Puy et al.	
	A9	US- 5300253	04/05/1994	Buchwald et al.	
	A10	US- 5466877	11/14/1995	Moore	
	A11	US- 5476974	12/19/1995	Moore et al.	
	A12	US- 5550273	08/27/1996	Savu	
	A13	US- 5658962	08/19/1997	Moore et al.	
	A14	US- 5660888	08/26/1997	Grenfell et al.	
	A15	US- 5750797	05/12/1998	Vitcak et al.	
	A16	US- 5839311	11/24/1998	Grenfell et al.	

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	EP	0 450 855 A2	10/09/1991			
	B2	FR	2 287432	07/05/1976			
	B3	DE	1 294 949	05/14/1969			
	B4	DE	16 43 992	06/09/1971			
	B5	PCT	WO 93/11280	06/10/1993			
	B6	PCT	WO 96/22356	07/25/1996			
	B7	PCT	WO 97/22683	06/26/1997			
	B8	PCT	WO 98/12287	03/26/1998			

*Examiner:

Date Considered:

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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 2 of 2	Application Number	10/689110
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	Attorney Case Number	53211US015

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	B.N. Ellis, "Cleaning and Contamination of Electronics Components and Assemblies", Electrochemical Publications, Ltd., (1986), pp. 182-195
	C2	H. Finkelstein, Berichte, (1910), pp. 1528-1533, Vol. 43
	C3	Smith et al., "The Chemistry of Carbonyl Fluoride. II. Synthesis of Perfluoroisopropyl Ketones", J. Am. Chem. Soc., (November 20, 1962), pp. 4285-4288, Vol. 84
	C4	Wang et al., "Apparent Molar Volume and Apparent Molar Adiabatic Compressibility Studies of Anesthetic Molecules in Aqueous Micelle Solutions of CTAB and CTAC as a Function of Surfactant Concentration and Temperature," J. Phys. Chem, (1994), pp. 4368-4374, Vol. 98
	C5	Yamashita et al., "Development of CFC Alternatives Containing Oxygen Atom," Intenational Conference on CFC and BFC (Halons)", (August 7-10, 1994), pp. 55-69, Shanghai, China
	C6	P.S. Zurer, "Looming Ban on Production of CFCs, Halons Spurs Switch to Substitutes", Chemical & Engineering News, (November 15, 1993), pp. 12-18

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